



# GAU 2872

PATENT  
2119-107P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: CLARK et al.

Appl. No.: 09/049,121

Group: 2872

Filed: March 27, 1998

Examiner: PHAN, J.

For: VERTICAL COMB DRIVE ACTUATED DEFORMABLE  
MIRROR DEVICE AND METHOD

RECEIVED

AUG 18 1999

SMALL ENTITY TRANSMITTAL FORM

TECHNOLOGY CENTER 2800

Assistant Commissioner for Patents  
Washington, DC 20231

August 16, 1999

Sir:

Transmitted herewith is an amendment in the above-identified application.

A Verified Statement Claiming Small Entity Status

- ☐ is submitted herewith (☐ Original ☐ Photocopy).
- ☒ was previously submitted on June 29, 1998.
- ☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.
- ☐ The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	18	-	20	=		\$ 9	\$0.00
INDEPENDENT	1	-	3	=		\$ 39	\$0.00
FIRST PRESENTATION OF A MULTIPLE CLAIM						\$130	\$0.00
						TOTAL	\$0.00

08/17/1999 SDUONG 00000141 09049121

01 FC:215

55.00 DP

- ☒ Petition for one (1) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$55.00 for the extension of time.
- ☐ No fee is required.
- ☒ A check in the amount of \$55.00 is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 

Michael K. Mutter, #29,680

MKM/WKR:jmj  
2119-107P

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Attachment

(Rev. 03/30/99)



PATENT  
2119-107P

#101A  
1-4wng  
8-24-99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: CLARK et al.

SERIAL NO.: 09/049,121

GROUP: 2872

FILED: March 27, 1998

EXAMINER: Phan, J.

FOR: VERTICAL COMB DRIVE ACTUATED DEFORMABLE MIRROR  
DEVICE AND METHOD

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
August 16, 1999  
AUG 18 1999

Sir:

TECHNOLOGY CENTER 2800

In response to the Examiner's Office Action dated April 14, 1999, the period for response having been extended one (1) month to August 16, 1999, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE CLAIMS:

Please amend the claims as follows:

1 ~~2~~. (Amended) [The] A deformable mirror comprising:

a vertical comb drive;

a reflective surface attached to said vertical comb drive; and

[according to claim 1, further comprising]

a spring for biasing said vertical comb drive to maintain said reflective surface in an original position absent application of a voltage to said vertical comb drive.

18

A